

SCHEME OF EXAMINATION

For

B.Sc. Biotechnology

FACULTY OF SCIENCE

SCHEME OF EXAMINATION

**Bachelor of Science Biotechnology
(Six Semester Programme)**

B.Sc. (BIOTECHNOLOGY) (Optional- Botany/ Zoology)				
First Semester				
Code No.	Subject	Internal Marks	External Marks	Total
BSCBT101	Biotechnology - Cell Biology & Genetics & Micro	30	70	100
BSCBT102A	Zoology -Invertebrate and vertebrate	30	70	100
BSCBT102B	Botany - Evolution, Biochemistry, Paleobotany, Diversity of Microbes and Cryptogams			
BSCBT103	Chemistry I - Physical	30	70	100
BSCBT104	Fundamental of IT	30	70	100
BSCBT105	English -I	30	70	100
BSCBT101-P	Practical (BSCBT101)	20	30	50
BSCBT102A-P	Practical (BSCBT102A)	20	30	50
BSCBT102B-P	Practical (BSCBT102B)			
BSCBT103-P	Practical (BSCBT103)	20	30	50
BSCBT104-P	Fundamental of IT -Lab	20	30	50
	Total (5 Subject)	210	440	700

B.Sc. (BIOTECHNOLOGY) (Optional- Botany/ Zoology)				
Second Semester				
Code No.	Subject	Internal Marks	External Marks	Total
BSCBT201	Biotechnology -Biochemistry & Maths	30	70	100
BSCBT202A	Zoology - Cell Biology & Developmental biology	30	70	100
BSCBT202B	Botany - Fungi, Pteridophyta, Gymnosperms and Angiosperm.			
BSCBT203	Chemistry I - Inorganic	30	70	100
BSCBT204	Chemistry I - Organic	30	70	100
BSCBT205	Hindi -I	30	70	100
BSCBT201-P	Practical (BSCBT201)	20	30	50
BSCBT202A-P	Practical (BSCBT202A)	20	30	50
BSCBT202B-P	Practical (BSCBT202B)			
BSCBT203-P	Practical (BSCBT203)	20	30	50
BSCBT204-P	Practical (BSCBT204)	20	30	50
	Total	230	470	700

B.Sc. (BIOTECHNOLOGY) (Optional- Botany/ Zoology)**Third Semester**

Code No.	Subject	Internal Marks	External Marks	Total
BSCBT301	Biotechnology - Recombinant DNA Technology	30	70	100
BSCBT302A	Zoology - Genetics	30	70	100
BSCBT302B	Botany - Cell Biology & Genetics			
BSCBT303	Chemistry II - Physical	30	70	100
BSCBT304	English -II	30	70	100
BSCBT305	Soft Skill PERSONALITY ENHANCEMENT	30	70	100
BSCBT301-P	Practical (BSCBT301)	20	30	50
BSCBT302A-P	Practical (BSCBT302A)	20	30	50
BSCBT302B-P	Practical (BSCBT302B)			
BSCBT303-P	Practical (BSCBT303)	20	30	50
	Total (5 Subject)	210	440	650

B.Sc. (BIOTECHNOLOGY) (Optional- Botany/ Zoology)**Fourth Semester**

Code No.	Subject	Internal Marks	External Marks	Total
BSCBT401	Biotechnology - Molecular Biology & Biophysics	30	70	100
BSCBT402A	Zoology - Animal Physiology	30	70	100
BSCBT402B	Botany - Diversity, Systematic, Structure Development and Reproduction in Flowering Plant			
BSCBT403	Chemistry II- Inorganic	30	70	100
BSCBT404	Chemistry II - Organic	30	70	100
BSCBT405	Hindi-II	30	70	100
BSCBT401-P	Practical (BSCBT401)	20	30	50
BSCBT402A-P	Practical (BSCBT402A)	20	30	50
BSCBT402B-P	Practical (BSCBT402B)			
BSCBT403-P	Practical (BSCBT403)	20	30	50
BSCBT404-P	Practical (BSCBT404)	20	30	50
	Total	230	470	700

B.Sc. (BIOTECHNOLOGY) (Optional- Botany/ Zoology)				
Fifth Semester				
Code No.	Subject	Internal Marks	External Marks	Total
BSCBT501	Biotechnology - Immunology	30	70	100
BSCBT502A	Zoology - Applied Zoology	30	70	100
BSCBT502B	Botany - Plant Physiology, Biochemistry and Biotechnology			
BSCBT503	Chemistry II - Physical	30	70	100
BSCBT504	Communication Skills –I	30	70	100
BSCBT505	Environmental Science	30	70	100
BSCBT501-P	Practical (BSCBT501)	20	30	50
BSCBT502A-P	Practical (BSCBT502A)	20	30	50
BSCBT502B-P	Practical (BSCBT502B)			
BSCBT503-P	Practical (BSCBT503)	20	30	50
	Total (5 Subject)	210	440	650

B.Sc. (BIOTECHNOLOGY) (Optional- Botany/ Zoology)				
Sixth Semester				
Code No.	Subject	Internal Marks	External Marks	Total
BSCBT601	Biotechnology - Plant, Environment and Industrial Biotechnology	30	70	100
BSCBT602A	Zoology - Environmental Biology and Evolution	30	70	100
BSCBT602B	Botany - Gene Ecology and Utilization of Plant Resources			
BSCBT603	Chemistry II- Inorganic	30	70	100
BSCBT604	Chemistry II - Organic	30	70	100
BSCBT605	Hindi -III	30	70	100
BSCBT601-P	Practical (BSCBT601)	20	30	50
BSCBT602A-P	Practical (BSCBT602A)	20	30	50
BSCBT602B-P	Practical (BSCBT602B)			
BSCBT603-P	Practical (BSCBT603)	20	30	50
BSCBT604-P	Practical (BSCBT604)	20	30	50
	Total	230	470	700